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(54) Title: DETECTION OF MUTATIONS IN NUCLEIC ACID SEQUENCES

Naturally occurring ALW26 I site eliminated by forward primer

CAGAG

5'. CAGAGACCTCAAGAGTAATATATTTCTTCATGAAGACCTCAC

A Site-directed Mutagenesis

GTAAAAATAGGTGATTTTGGTCTAGCTACAGAGAGATCT. 3'

N. ... AT 1996 I contribute ofto exaduced by reverse

New ALW26 I restriction site produced by reverse primer only in the V599E mutant

(57) Abstract: The present invention is directed to a novel method for detecting a mutation in a target nucleic acid sequence. Such methods may be used to detect a mutation in a target nucleic acid sequence derived from a biological sample. Exemplary biological samples include, but are not limited to, samples derived from patients such as bodily fluids, tissues or cells. The methods of the invention are useful for detecting a mutation in a target nucleic acid sequence in such patient samples and thus, are of utility for diagnosing a disease in a patient and/or predicting a predisposition of a patient for a disease.

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